Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
Data File : BF078661.D
Acq On : 20 Apr 2015 23:50
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
4/21/2015 5:03:43 PM

Quant Time: Apr 21 01:35:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 00:52:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	43130	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	180177	20.00	ng		0.00
38) Acenaphthene-d10	11.21	164	88548	20.00	ng		0.00
63) Phenanthrene-d10	13.94	188	175477	20.00	ng		0.00
75) Chrysene-d12	17.79	240	175742	20.00	ng		-0.01
86) Perylene-d12	19.47	264	180283	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	3.87	112	217898	83.30	ng		0.00
7) Phenol-d6	5.36	99	276246	84.26	ng		0.00
23) Nitrobenzene-d5	6.80	82	248905	83.73	ng		0.00
41) 2,4,6-Tribromophenol	12.69	330	68343	93.06	ng		0.00
44) 2-Fluorobiphenyl	10.03	172	504563	81.45	ng		0.00
78) Terphenyl-d14	16.46	244	639333	82.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.43	88	45031	38.07	ng	#	92
3) Pyridine	1.91	79	141993	45.83	ng		96
4) n-Nitrosodimethylamine	1.87	42	56427	47.31	ng		89
6) Aniline	5.35	93	197408	42.46	ng	#	87
8) 2-Chlorophenol	5.52	128	127229	41.13	ng		99
9) Benzaldehyde	5.16	77	65332	30.07	ng		96
10) Phenol	5.38	94	160555	40.87	ng		94
11) bis(2-Chloroethyl)ether	5.48	93	111878	39.61	ng		93
12) 1,3-Dichlorobenzene	5.76	146	138335	40.71	ng	#	91
13) 1,4-Dichlorobenzene	5.88	146	140403	41.05	ng		97
14) 1,2-Dichlorobenzene	6.11	146	132319	41.26	ng		99
15) Benzyl Alcohol	6.14	79	105831	45.94	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.38	45	150830	40.03	ng		79
17) 2-Methylphenol	6.36	107	100464	41.83	ng		95
18) Hexachloroethane	6.66	117	48524	42.07	ng	#	79
19) n-Nitroso-di-n-propylamine	6.59	70	90814	41.99	ng		90
20) 3+4-Methylphenols	6.64	107	132601	41.39	ng		92
22) Acetophenone	6.56	105	173962	41.44	ng	#	92
24) Nitrobenzene	6.83	77	131226	42.23	ng		89
25) Isophorone	7.27	82	240921	42.70	ng		99
26) 2-Nitrophenol	7.38	139	65970	44.55	ng		94
27) 2,4-Dimethylphenol	7.54	122	109927	39.92	ng		97
28) bis(2-Chloroethoxy)methane	7.70	93	145685	40.27	ng		98
29) 2,4-Dichlorophenol	7.83	162	106234	42.41	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	114735	39.94	ng		98
31) Naphthalene	8.06	128	374789	39.96	ng		99
32) Benzoic acid	7.79	122	67077m	51.34	ng		
33) 4-Chloroaniline	8.22	127	162806	41.84	ng		99
34) Hexachlorobutadiene	8.31	225	64356	40.81	ng		97
35) Caprolactam	8.88	113	33365	44.62	ng		92
36) 4-Chloro-3-methylphenol	9.18	107	108608	42.97	ng		93
37) 2-Methylnaphthalene	9.31	142	253734	39.85	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	111500	40.64	ng		99
40) Hexachlorocyclopentadiene	9.61	237	38680	36.77	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.88	196	78204	45.20	ng		98
43) 2,4,5-Trichlorophenol	9.95	196	77979	43.14	ng	#	88
45) 1,1'-Biphenyl	10.19	154	291837	40.29	ng		96
46) 2-Chloronaphthalene	10.19	162	231381	40.60	ng		95
47) 2-Nitroaniline	10.45	65	68478	48.57	ng	#	71
48) Acenaphthylene	10.94	152	382576	41.57	ng		99
49) Dimethylphthalate	10.85	163	280254	42.13	ng		98
50) 2,6-Dinitrotoluene	10.94	165	60388	44.12	ng	#	54
51) Acenaphthene	11.27	154	219610	42.39	ng		99
52) 3-Nitroaniline	11.21	138	72577	46.63	ng	#	95
53) 2,4-Dinitrophenol	11.44	184	18176	44.96	ng		90
54) Dibenzofuran	11.60	168	333617	42.16	ng		95
55) 4-Nitrophenol	11.65	139	38806	35.46	ng	#	79
56) 2,4-Dinitrotoluene	11.67	165	82828	46.73	ng	#	83
57) Fluorene	12.23	166	275424	42.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.86	232	55926	41.73	ng	#	97
59) Diethylphthalate	12.16	149	273978	42.71	ng		97
60) 4-Chlorophenyl-phenylether	12.29	204	125463	42.52	ng	#	84
61) 4-Nitroaniline	12.34	138	71253	45.29	ng		95
62) Azobenzene	12.57	77	249203	42.57	ng		96
64) 4,6-Dinitro-2-methylphenol	12.41	198	37088	43.54	ng		86
65) n-Nitrosodiphenylamine	12.53	169	242024	39.87	ng		98
66) 4-Bromophenyl-phenylether	13.18	248	79058	42.54	ng		98
67) Hexachlorobenzene	13.22	284	80469	39.51	ng	#	93
68) Atrazine	13.60	200	74811	42.55	ng		97
69) Pentachlorophenol	13.63	266	25637	33.40	ng		98
70) Phenanthrene	13.99	178	411110	40.50	ng		99
71) Anthracene	14.08	178	412768	41.27	ng		99
72) Carbazole	14.41	167	392728	41.90	ng		100
73) Di-n-butylphthalate	15.09	149	463086	43.61	ng		99
74) Fluoranthene	15.86	202	439870	41.09	ng		96
76) Benzidine	16.13	184	226322	33.44	ng		99
77) Pyrene	16.17	202	460511	41.74	ng		98
79) Butylbenzylphthalate	17.17	149	214212	50.94	ng	#	78
80) Benzo(a)anthracene	17.78	228	425052	40.65	ng		98
81) 3,3'-Dichlorobenzidine	17.79	252	145097	41.43	ng	#	99
82) Chrysene	17.83	228	410589	41.79	ng		99
83) Bis(2-ethylhexyl)phthalate	17.92	149	294680	44.68	ng	#	97
84) Di-n-octyl phthalate	18.70	149	522558	48.26	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.62	276	491624m	44.10	ng		
87) Benzo(b)fluoranthene	19.06	252	417141	37.44	ng	#	97
88) Benzo(k)fluoranthene	19.10	252	439003m	44.34	ng		
89) Benzo(a)pyrene	19.42	252	406213	41.77	ng		97
90) Dibenzo(a,h)anthracene	20.64	278	387831	39.84	ng		99
91) Benzo(g,h,i)perylene	20.94	276	386075	39.55	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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